

JP 2000143791

Patent 1 of 1



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Patents Cited by Inventor: 0
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Citing Patents: 0

Articles Cited by Inventor: 0
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Patent Number(s):

JP2000143791-A JP3566110-B2

Title:

Manufacture of modified polyethylene terephthalate (PET) resin used as containers, involves supplying PET resin having poly condensation catalyst to hot water or heat vapor treatment tank and deactivating catalyst

Patent Assignee Name(s) and Code(s):

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Derwent Primary Accession Number:

2000-415811 [71]

Abstract:

NOVELTY - Manufacture of modified polyethylene terephthalate (PET) resin, involves supplying PET resin containing poly condensation catalyst to a hot water treatment tank or hot water vapor treatment tank and deactivating the catalyst. The PET resin is supplied to the treatment tank by energy transfer and the solid gas ratio of energy transfer is adjusted to 10-30 kg/kg.

USE - For the manufacture of modified PET resin for use as containers for liquid seasonings such as carbonated beverages, fruit juice, alcoholic beverage, tea, mineral water, soya sauce, liquid flavorings and dressings, edible oil, liquid detergent and cosmetics.

ADVANTAGE - The method prevents contamination of metallic mold during molding and provides excellent exterior surface for the molding. The method enables uniform deactivation of the polycondensation catalyst in the PET resin and improves the production stability.

International Patent Classification:

C08G-063/90; C08G-063/88

Derwent Class:

A23 (Polyamides, polyesters, polycarbonates, alkyds); A92 (Packaging and containers, ropes, nets)

Derwent Manual Code(s):

A05-E04E; A10-E01; A12-P01B

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Application Details and Date:

JP2000143791-A	JP314695	05 Nov 1998
JP3566110-B2	JP314695	05 Nov 1998

Further Application Details:

JP3566110-B2 Previous Publ. Patent JP2000143791

Priority Application Information and Date:

JP314695 05 Nov 1998

Field of Search:

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